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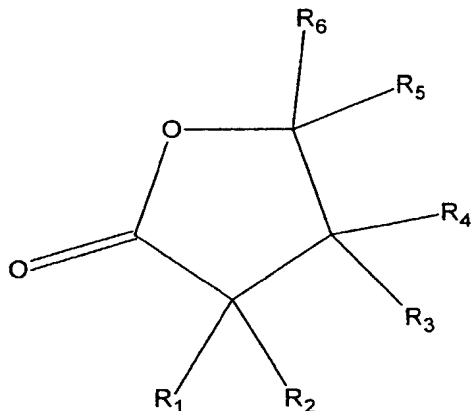
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(54) Title: A PROCESS FOR THE LIQUEFACTION OF LIGNOCELLULOSIC MATERIAL



(1)

(57) Abstract: A process for the liquefaction of lignocellulosic or  
cellulosic material, wherein solid lignocellulosic or cellulosic ma-  
terial is heated at a temperature in the range of from 100 to 300 °C  
in the presence of an acid catalyst and a solvent, wherein the sol-  
vent-to-solid material weight ratio is at most 50, the acid catalyst is  
present in a concentration of at most 50% by weight of acid based  
on the weight of solvent and acid, and the solvent comprises a com-  
pound having a gamma lactone group of the general molecular for-  
mula (1) wherein R<sub>1</sub> to R<sub>6</sub> each represent, independently, a hydrogen  
atom or an organic group connected with a carbon atom to the lac-  
tone group or the solvent comprises furfural, levulinic acid or a com-  
pound obtainable from furfural or levulinic acid by hydrogenation,  
dehydration, aldolcondensation, dimerisation or oligomerisation, es-  
terification with an alcohol, or a combination of two or more of these  
reactions.

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